

Data Path : S:\HPCHEM1\BNA_M\DATA\BM061115\
 Data File : BM001646.D
 Acq On : 11 Jun 2015 14:39
 Operator : TP/IZ
 Sample : G2414-08DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1T62DL

Quant Time: Jun 11 15:36:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 07:52:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1817	0.40	ng/ul	0.00
4) Naphthalene-d8	10.48	136	6523	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.34	164	2955	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.09	188	5674	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	4254	0.40	ng/ul	0.01
22) Perylene-d12	23.52	264	3747	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.08	152	414	0.05	ng/ul	0.00
16) Fluoranthene-d10	19.12	212	766	0.07	ng/ul	0.00

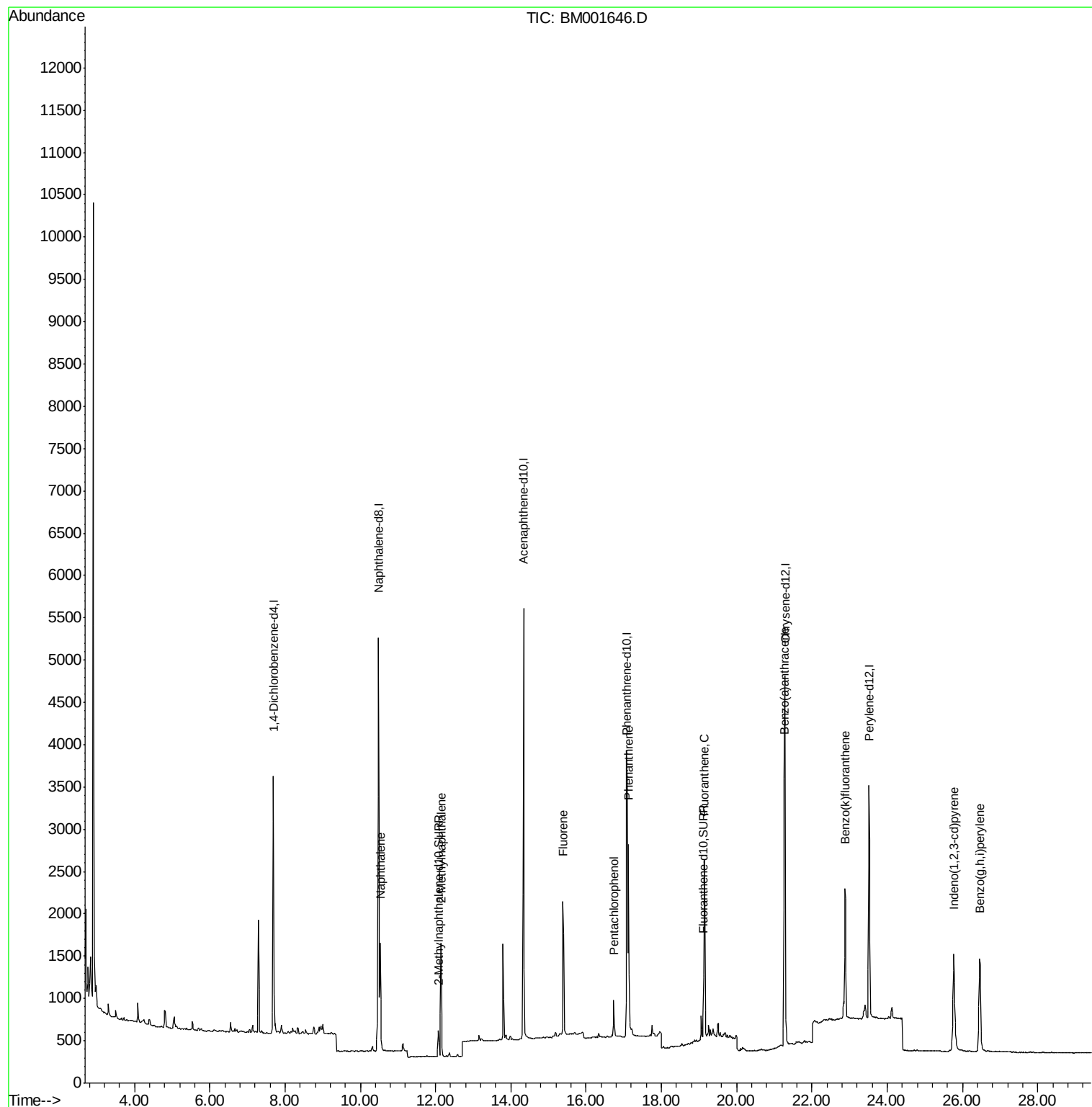
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.53	128	1748	0.10	ng/ul#	92
7) 2-Methylnaphthalene	12.15	142	1058	0.10	ng/ul	99
11) Fluorene	15.38	166	1513	0.13	ng/ul#	96
13) Pentachlorophenol	16.74	266	365	0.32	ng/ul	98
14) Phenanthrene	17.12	178	2469	0.15	ng/ul	96
17) Fluoranthene	19.14	202	2276	0.13	ng/ul	87
20) Benzo(a)anthracene	21.26	228	2267	0.17	ng/ul#	95
24) Benzo(k)fluoranthene	22.88	252	2509	0.17	ng/ul#	82
26) Indeno(1,2,3-cd)pyrene	25.77	276	2129	0.14	ng/ul	96
28) Benzo(g,h,i)perylene	26.45	276	2269	0.16	ng/ul#	89

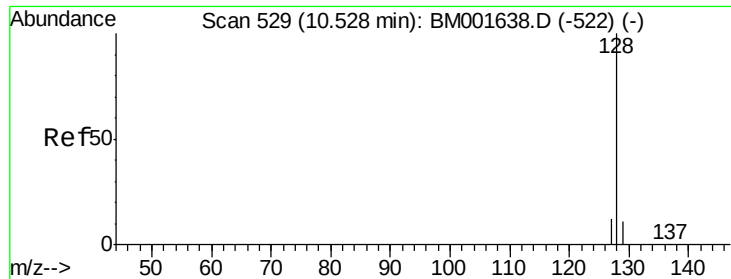
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.10 ng/ul

RT: 10.53 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

Instrument :

BNA_M

ClientSampleId :

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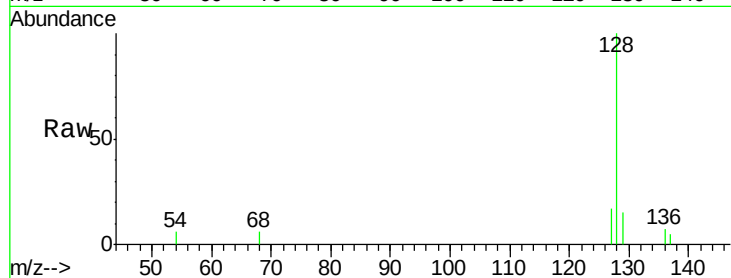
Tgt Ion:128 Resp: 1748

Ion Ratio Lower Upper

128 100

129 15.3 9.8 14.8#

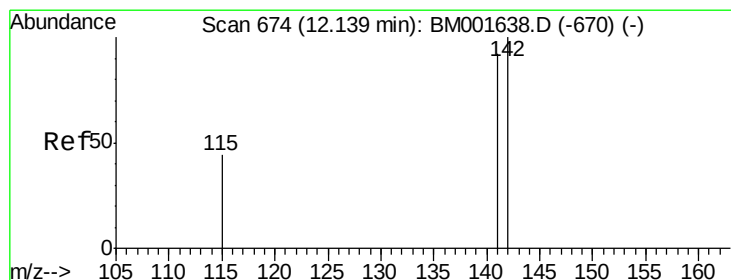
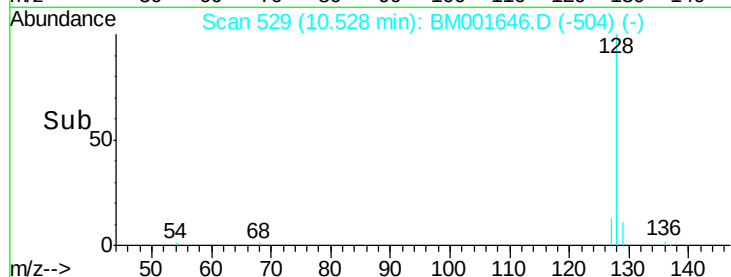
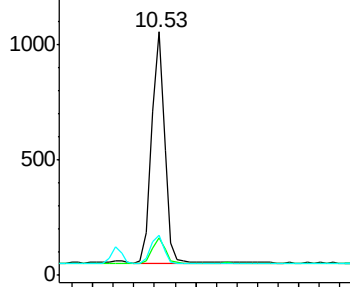
127 16.7 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 0.10 ng/ul

RT: 12.15 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM001646.D

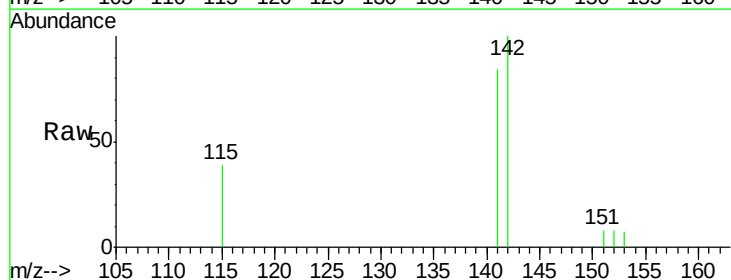
Acq: 11 Jun 2015 14:39

Tgt Ion:142 Resp: 1058

Ion Ratio Lower Upper

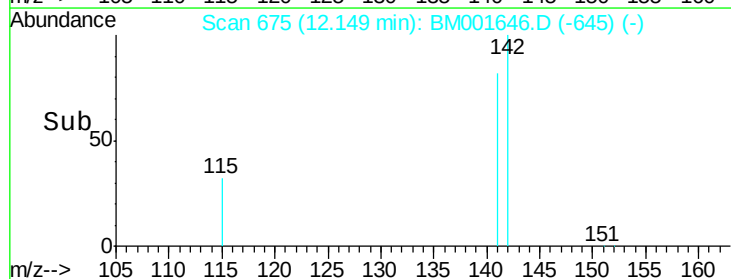
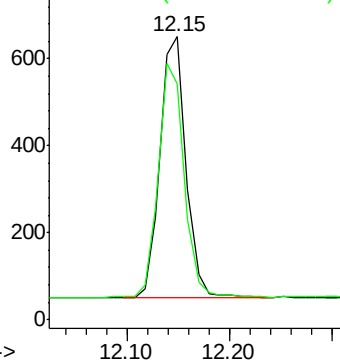
142 100

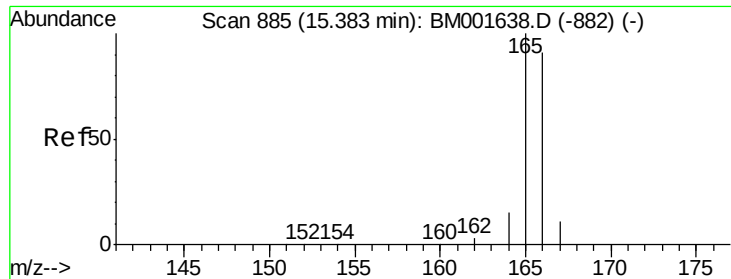
141 88.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

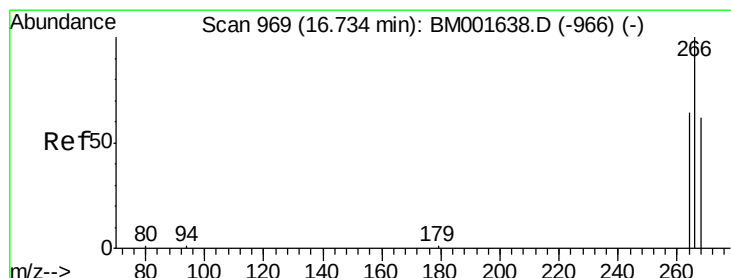
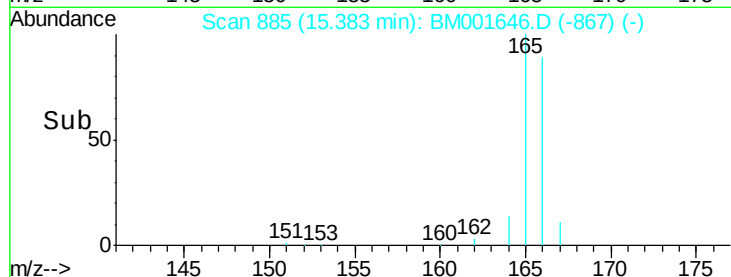
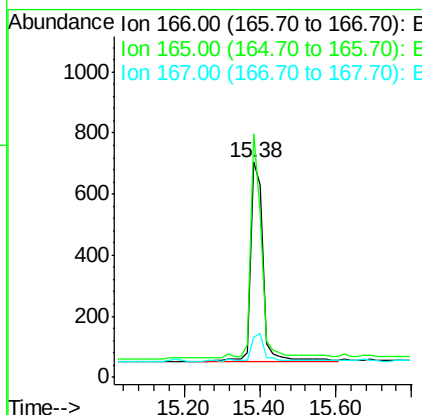
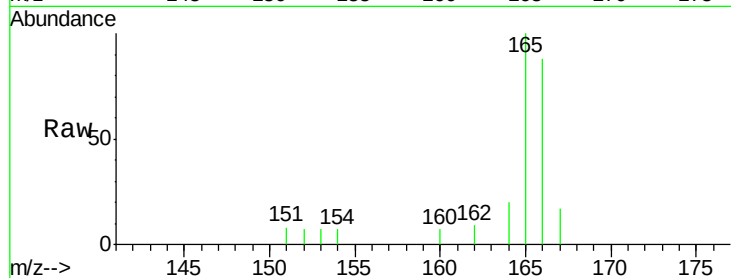




#11
 Fluorene
 Concen: 0.13 ng/ul
 RT: 15.38 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BM001646.D
 Acq: 11 Jun 2015 14:39

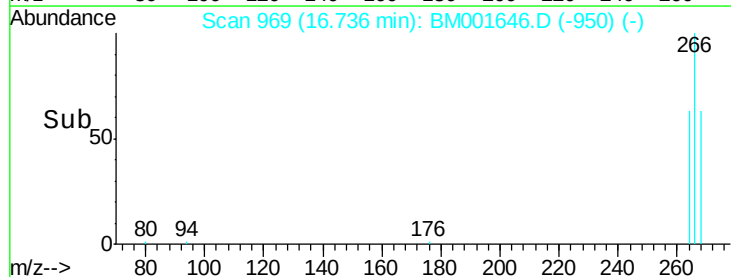
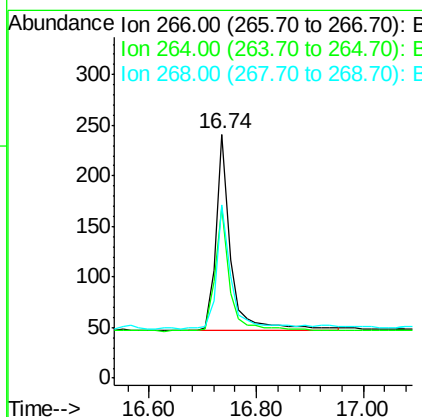
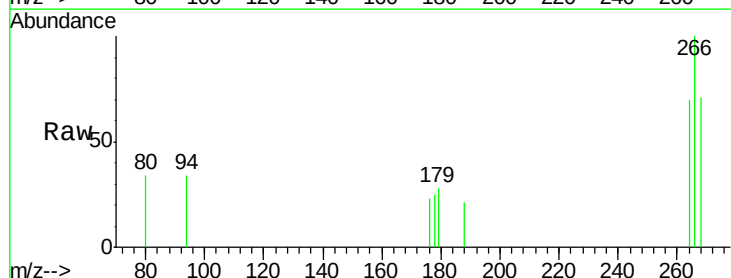
Instrument :
 BNA_M
 ClientSampleId :
 X1T62DL

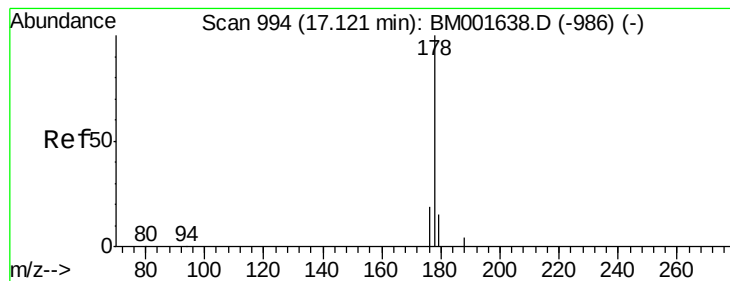
Tgt Ion:166 Resp: 1513
 Ion Ratio Lower Upper
 166 100
 165 113.2 87.6 131.4
 167 18.8 11.1 16.7#



#13
 Pentachlorophenol
 Concen: 0.32 ng/ul
 RT: 16.74 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001646.D
 Acq: 11 Jun 2015 14:39

Tgt Ion:266 Resp: 365
 Ion Ratio Lower Upper
 266 100
 264 69.3 53.5 80.3
 268 66.3 54.2 81.2





#14

Phenanthrene

Concen: 0.15 ng/ul

RT: 17.12 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

Instrument :

BNA_M

ClientSampleId :

X1T62DL

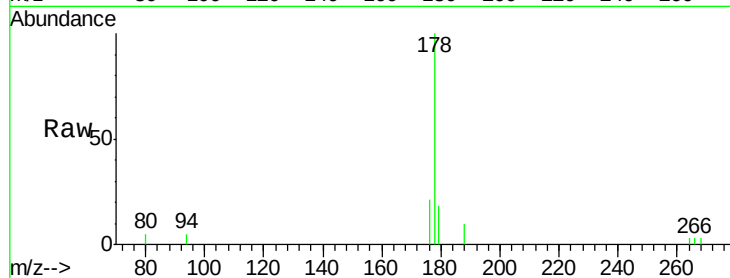
Tgt Ion:178 Resp: 2469

Ion Ratio Lower Upper

178 100

176 21.5 16.2 24.4

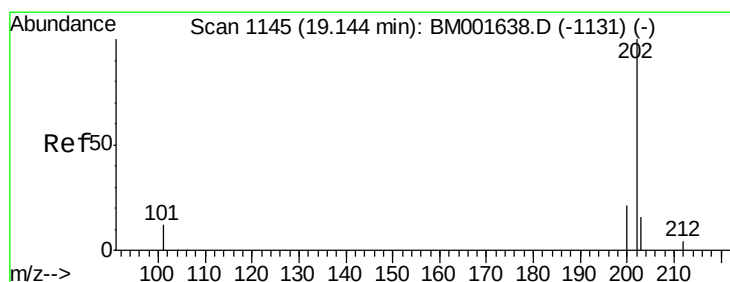
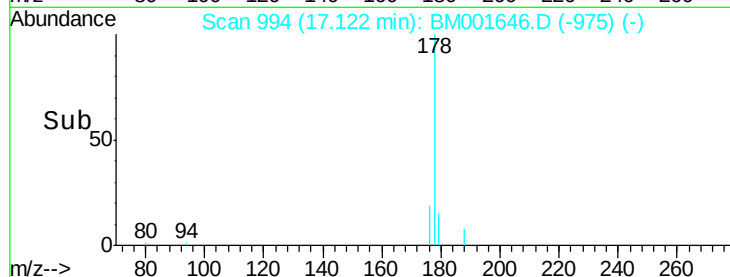
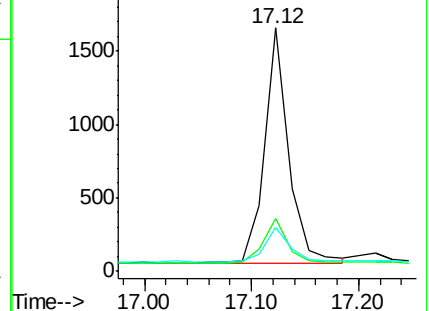
179 18.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#17

Fluoranthene

Concen: 0.13 ng/ul

RT: 19.14 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

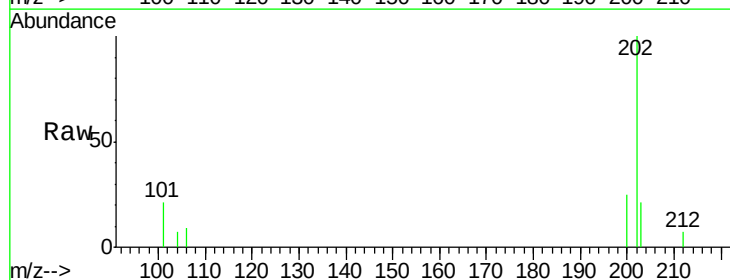
Tgt Ion:202 Resp: 2276

Ion Ratio Lower Upper

202 100

101 20.8 0.0 33.1

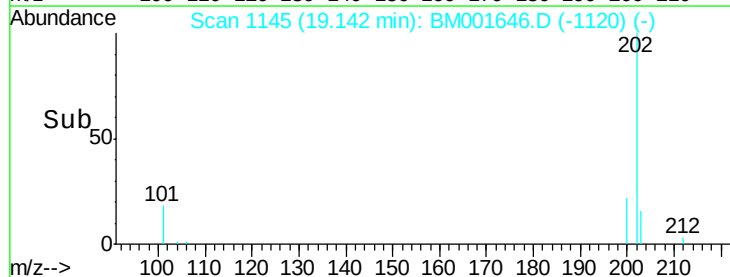
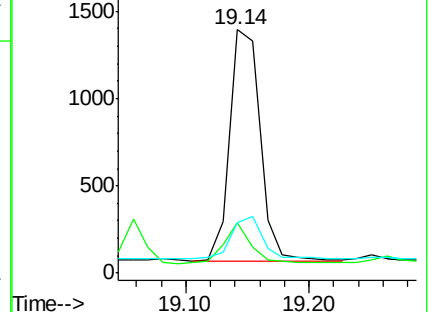
203 20.8 0.0 37.2

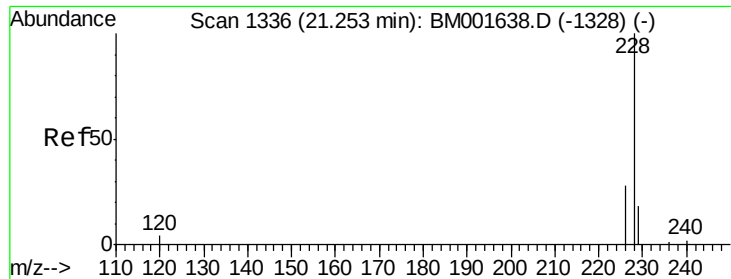


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.17 ng/ul

RT: 21.26 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

Instrument :

BNA_M

ClientSampleId :

X1T62DL

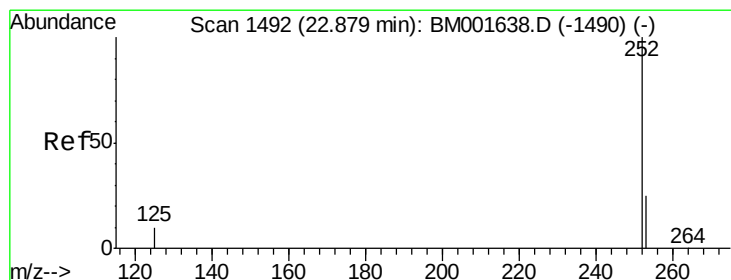
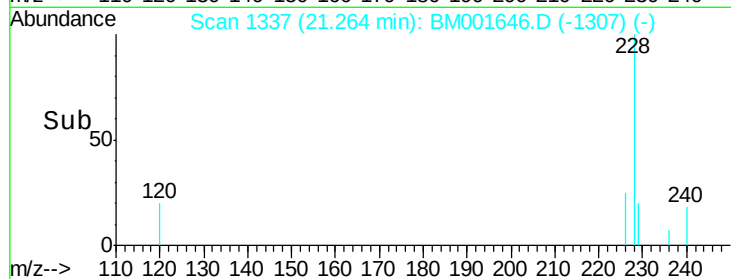
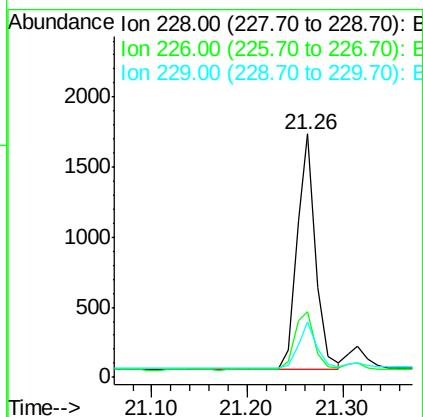
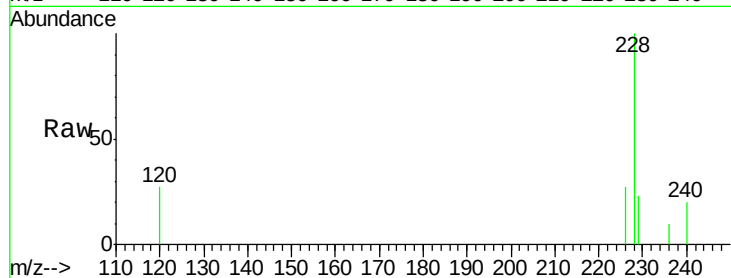
Tgt Ion:228 Resp: 2267

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

229 22.9 15.2 22.8#



#24

Benzo(k)fluoranthene

Concen: 0.17 ng/ul

RT: 22.88 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

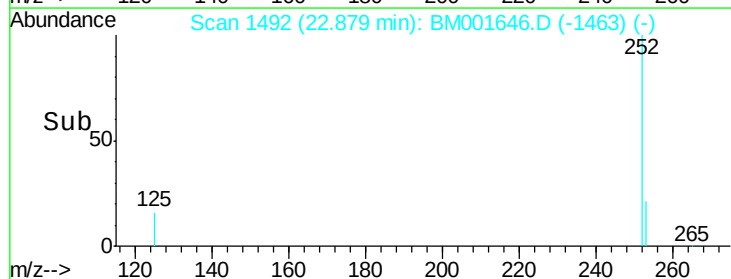
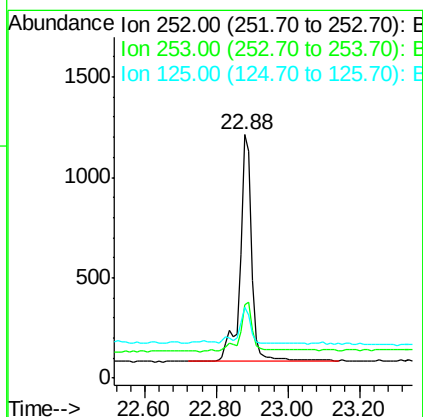
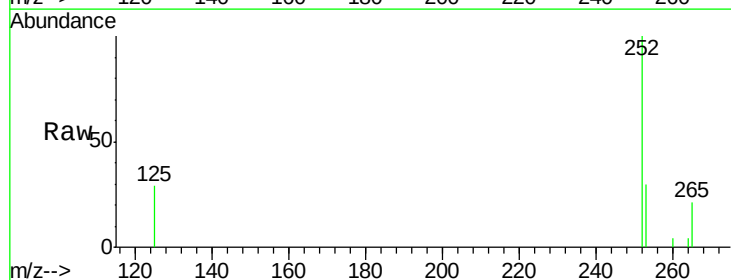
Tgt Ion:252 Resp: 2509

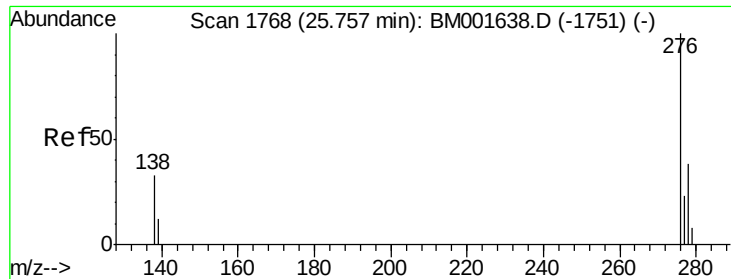
Ion Ratio Lower Upper

252 100

253 30.3 20.8 31.2

125 29.3 12.2 18.4#





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.14 ng/ul

RT: 25.77 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

Instrument :

BNA_M

ClientSampleId :

X1T62DL

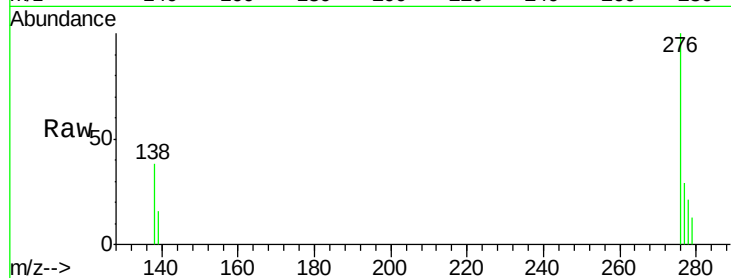
Tgt Ion:276 Resp: 2129

Ion Ratio Lower Upper

276 100

138 30.8 27.5 41.3

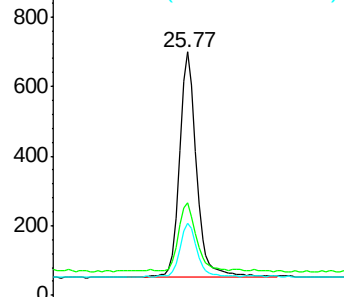
277 24.0 19.3 28.9



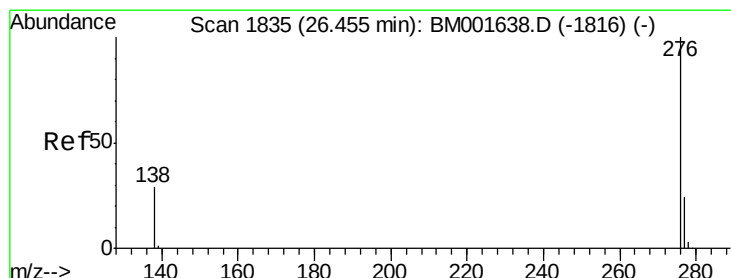
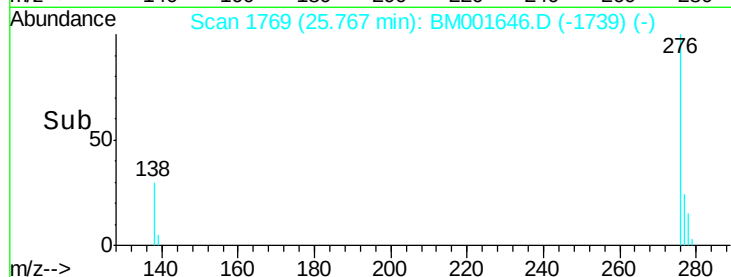
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 25.40 25.60 25.80 26.00



#28

Benzo(g,h,i)perylene

Concen: 0.16 ng/ul

RT: 26.45 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BM001646.D

Acq: 11 Jun 2015 14:39

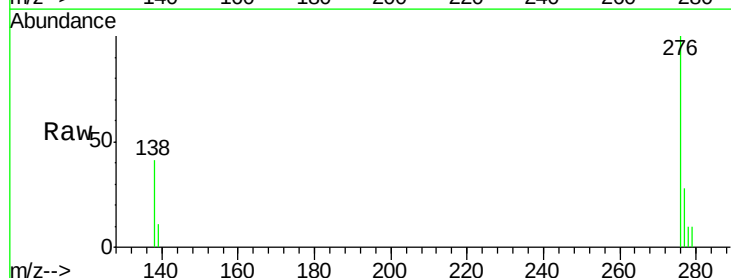
Tgt Ion:276 Resp: 2269

Ion Ratio Lower Upper

276 100

277 28.4 21.3 31.9

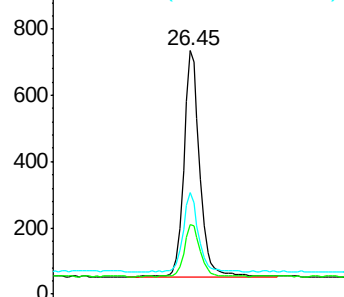
138 41.5 25.5 38.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time--> 26.50

